which convey the Chyle to the Breaſts of Nurſing Women; and ſhew'd, that they do iſſue out of the *Ductus* of Monſieur *Pecquet*. This is a diſcovery of a thing, the *being* of which hath been believed long ſince, though not made out. Another perſon hath aſſured me, that there is certainly another paſſage of the Urine to the Bladder than by the Ureters; an Experiment having been lately made, whereby the Ureters of a Dog were ſo carefully tyed up, that nothing could paſs that way, and yet the Urinary Bladder was found full of Water.

A Narrative of divers odd Effects of a dreadful Thunder-clap, at Stralſund *in* Pomerania, $\frac{19}{29}$ *June* 1670; *taken out of a Relation, there Printed by Authority in High Dutch.*

AFter a very hot ſeaſon from the beginning of this month of *June*, on the $\frac{16}{26}$ of the ſame, early in the morning a great Tempeſt was obſerved, gathering Weſt-South Weſt, of which there appear'd much Lightning, with ſome Thunder only as a far off. On the nineteenth (being Sunday) after ſeveral leſs ſtrong reports of Thunder, the whole Town, and particularly the Congregation in St. *Niclas* Church (when the Miniſter was Preaching) was ſtrangely ſurpriſed with a moſt terrible flaſh of Lightning and a fearful Thunder-clap, which lighted down through the leſſer ſteeple upon the body of the Church, and through the round large hole in the upper Vault within the ſame, in the ſhape (as ſome obſerv'd) of a black fiery ball, directly upon the Altar, cauſing ſuch an hideous crack, fire-flaſh, ſmoak and damp there, as if many fire balls had been thrown down thither from the ſaid Vault, and burſted all at once; begetting a diſmal conſternation among the people, and leaving an ill Sulphureous ſmell behind.

The Candle on the South-ſide of the Altar was put out by the blow, the other remain'd burning. Two of the Chalices there, were overthrown, and the Wine Spilt, and the Wafers ſcatter'd about; but the empty Chalice ſtood firm. All three were ſomewhat ſmutted at the foot, and one of them a little bent there, and in two places pierced through as if it had been by hail-ſhot: And the Wafer-boxes were likewiſe a little

ſmutted

ſmutted towards the bottom. The Church book was flung on the inner paſſage: The Covers of the Altar were ſinged in divers parts, as by powder, and ſomewhat burnt and ſmutted here and there, as alſo torn in ſome places. A ſtrong piece of Wainſcot, with a Picture upon it, behind the great Altar, was ſplit in two. Of the Church-clock, in the Weſt end, at the ſame time, both the Braſs and Iron-Wires of the whole and quarter-hours hammer was partly broken, and the reſt could not be found; and an Oaken Poſt fixt in the wall for the ſupport of the Dyall, was half torn, and beneath the ſame divers Bricks were ſtruck out of the two Head-Pillars ſupporting the Steeple. On the top of the Southern ſteeple, an Oaken Gutter, and a ſtrong Beam and Supporter were ſhatter'd, and fell dangerouſly, but that one part of it held faſt yet by one Nail.

One of the Miniſters, though ſitting near the Altar to the South, had no hurt at all. Divers of the people ſeated round about the Altar fell down to the ground with the fright One Youth, that ſtood next the ſaid Miniſters Pew, not being able to recover his ſences, was carried home. On the North ſide of the Altar, four perſons fell down, and one of the Oaken Seats being ſplit under him that ſate thereon, that perſon was much hurt by it, and more than any other. Some that ſtood in or by the Belfree, near the Clock, were ſlightly hurt here and there; and among them a Mariner, leaning on a lined oaken Seat there, had his right arm bruiſed; and another man though but ſlightly hurt, yet could not remember, how he got home from Church.

The Sermon being broke off, and the people making haſt away, ſome obſerv'd, that there iſſued forth a huge Damp out of the Southern Steeple, like unto Smoak which poſſeſſed many with great fears of Fire within; but the Church-Carpenter, upon ſearch of the ſaid Steeple and Church-roof within, met only with a preſent noiſe and thick damp, which, though it frighted him at firſt into an apprehenſion of Fire indeed; yet, getting to the Windows, and opening them, the damp iſſued with great violence, but there appear'd no Fire any where, ſave only a little in the ſhatter'd parts of the Steeple, which was ſoon quenched.

The Church-Dyall was alſo much ſmutted in ſundry parts, ſoiling the gilt figures that they could ſcarce be diſcerned. The gilt Weather-cocks, upon both the Steeples, were likewiſe ſmutted on the one ſide of their Tayles, without any other mark. Nor could it be in the leaſt diſcover'd, in either of the Steeples, which way the Claps entred, by all the ſearch that was made.

Among the perſons, that were any way hurt, (who were but *eight* in all) divers notable particulars were obſerved afterwards, *viz.*

One, that ſtood in the Bel-free, had the upper back-part of his Cloth-coat, as alſo his ſhirt and skin, ſomewhat torn; but the lining of that Coat, which was red-frieze, had no hurt at all, betwixt the reſt.

Another, ſitting in a Pew under the Organs, and leaning on the door, whileſt the Pew-lock (then cloſe to his body) was ſo violently ſtruck out, that it hung only by one Nail, had no dammage at all by it himſelf, nor any other that ſate or ſtood by there, when the ſtroak happen'd, though they fell all to the ground by the fright, at the inſtant when it was given.

And as for him, that had his Arm bruiſed, it was ſomewhat ſtrange, that afterwards there was found a hole paſſing his coat, waſt-coat and ſhirt on the fore-part of his Body, without in the leaſt hurting the Body; the hole appearing juſt as ſhot through. And beſides, notice was taken, that the ſaid man's Waſt-coat (being of a red Sarcenet) kept its colour every where, but at the place where the Arm was hurt; and the waſt-coat being edged with a ſmall Silver-lace, the lace was ſmutted almoſt every where, and about the neck too, where the party wore a Cravate. The ſame perſon had alſo one half of a ſhoe torn off, the ſoal being pierced as with hail-ſhot; and a piece of his ſtockings foot on the ſame foot ſtruck away, near an hand-breadth; without any other hurt to either foot or leg, but that for ſome dayes that foot was benummed.

Laſtly, one of them that ſat by the Altar, had his Breeches and Leather-drawers on both ſides pierced through, as by hail-

hail-ſhot, and part of it plainly ſcorch't and ſhrunk up, as by fire; and divers of ſuch ſmall holes in his ſhirt too, yet without any hurt in his body; ſave, that he found ſome pain in his foot. One ſide of his ſhoe alſo was half torn, and the Soal ſidewards pierced through, as 'twere, with hail ſhot.

Yet there dyed not any one of all them that were hurt; they recovering either of themſelves, or by the advice and help of others.

An Extract of a Letter of M. *Hevelius*, written to the Publiſher from *Dantzick*, Auguſt $\frac{17}{27}$ 1670. Concerning a *New Star*, lately diſcover'd in the Conſtellation of the *Swan*, together with the preſent Appearance of the Planet *Saturn*.

——*Etiamſi non dubitem ultimas meas Tibi eſſe traditas, nihilominus tamen hiſce Te rurſus inviſere volui, quo vos de Obſervatione quadam notatu digna certiores facerem, mentemque ſimul meam ea de re vobis exponerem*: De Nova *videlicet illa* Fixa *circa* Cygnum, *nuper deprehensâ*; *non quidem de illa, quæ in* Pectore *ejus jam Anno* 1600 *illuxit, & Anno* 1660 *rurſus evanuit, ac denuo Anno* 1666. *menſe* Septembri, *inſtar ſtellulæ* Septimæ *magnitudinis emicuit*; *de qua eo tempore, ſi rectè memini, fnſius vobis perſcripſeram*: *Sed de Fixa prorſus diverſa*, Tertiæ *magnitudinis ferè, circa & infra caput* Cygni, *inter informes conſpicua, cujus Longitudo* 1°. 52′. 26″ ♒, *& Latitudo* 47°. 25′. 22″. Bor. *modò exiſtit, ut Obſervationes, die* 25 Julii *à me habitæ, luculenter oſtendunt*. Novam *autem ſtellam hanc ipſam omnino eſſe, & in Cœlo ad annum* 1660 *penitus inconſpicuam fuiſſe, non eſt quod quiſquam dubitet. Nam, ut noſti, à plurimis jam annis,* & Planetarum & Fixarum *obſervationibus maximè (quod præfiſcine dixerim) operam dedi, ſic ut non ſolum omnes illas à* Tychone *olim obſervatas, globóque adſcriptas, ſed & reliquas hactenus neglectas, nudo tamen oculo bene conſpicuas, tum* Quartæ *tum* Quintæ *tum* Sextæ *magnitudinis, in quibuſvis Aſteriſmis accuratè notarem, inque catalogum referrem*: *quo imposterum eo facilius, ſi qua* nova *prodiret Fixa, deprehenderetur. Accidit igitur, ut Anno jam* 1659, 1660, *& 1661. p'araque ſtellas*